

COMMONWEALTH OF VIRGINIA
 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
 DIVISION OF MINERAL RESOURCES

WWCR 272
 VDMR 544

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Enos Heatwole Mailing Address: R. F. D 2, Hinton, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co., Inc. Mailing Address: Richmond, Virginia
 WELL LOCATION: County Rockingham Approx. _____ ft. miles
 (direction) of _____ and _____ ft. miles of _____
 (Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - On county highway or other map.)

WATER CONDITIONS

DEPTH

STATIC WATER LEVEL 70'
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft.
 _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 4-6 Gal. per Min. with
400 feet DRAWDOWN after 2 HOURS PUMPING air lift
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**

REMARKS: This well could pump 6 GPM plus with permanent pump

QUALITY OF WATER

COLOR o. k. TASTE o. k.
 ODOR None OTHER _____
 ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No
 TEMPERATURE _____
 (salt, brackish, iron, sulfur, acid, other) WATER _____ ft. _____ ft.

USE OF WATER: Domestic Town Industry Farm Public

CONSTRUCTION

RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc...)
 DATE: Started 1-6-61; Completed 1-9-61
 TOTAL DEPTH 406 ft.
 BEDROCK at 6 ft.

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement & water
 DEPTH OF GROUTING 50'

HOLE SIZE

(diam) in. (from) ft. (to) ft.
9 in. 0 ft. 52 ft.
5 in. 52 ft. 406 ft.

CASING SIZE

(diam) in. (from) ft. (to) ft.
5 in. 0 ft. 54 ft.

SCREEN (or perforations)

(diam) in. (from) ft. (to) ft. (opening size)

PUMP (installed)

TYPE _____ Cap. (gpm) _____
 H.P. _____ Depth of intake _____ ft.

REMARKS: Suggested pump be set at about 385'

Samples and completion report furnished Va. Div. of Min. Resources - Charlottesville, Va.

cc: Mr. Luebben
 Enos Heatwole
 Norfolk Coop Milk Producers Assoc. - Atten.: Mr. Gordon Simmons, Mgr.

Log of well (over)

LOG

FURNISHED BY Sydnor Pump and Well Co., Inc.

DATE: 1-10-61

Rig 65

From Driller Mitchels Notes By Jesse Snyder, Jr.

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	1	Top soil	
1	6	Yellow clay	
6'	45'	Gray limestone broken	
45'	55	Gray limestone	
55	56	Gray limestone broken	
56	150	Gray limestone	Some moisture at 102'
150	151	Gray limestone soft	
151	215	Gray limestone	
215	245	Blue limestone	
245	305	Gray limestone	
305	374	Blue limestone	
374	393	Gray limestone	
393	402	Weathered gray limestone	
402	406	Gray limestone	
		102" - 1- Qt. p.m.	
		200' - 1/2 GPM	
		305' - 1 GPM	
		393' - 396 - 4-5 GPM	
		When the water from 393' was first hit it pumped at 10 GPM slowly dropping to 4 GPM plus after 2 hrs Air lift pumping.	

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TENANT: _____ Mailing Address: _____
DRILLER: Sydnor Pump and Well Co Inc Mailing Address: Richmond, Virginia
WELL LOCATION: County Rockingham Approx. _____ ft. _____ miles
(direction) of _____ and _____ ft. _____ miles of _____

(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map)

WATER CONDITIONS

DEPTH

STATIC WATER LEVEL 70
WATER ZONES (fissures or formations supplying water)
(from) _____ (to) _____ (from) _____ (to) _____
ft. _____ ft. _____ ft. _____ ft. _____

QUANTITY OF WATER

WELL PUMPED (or bailed) at 4-6 Gal. per Min. with
400 feet DRAWDOWN after 2 HOURS PUMPING. Air lift
FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) W

REMARKS: This well could pump 6 GPM plus with permanent pump

QUALITY OF WATER

COLOR ok TASTE ok
ODOR None OTHER _____
ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No
TEMPERATURE _____
WATER _____ (from) _____ (to) _____ ft. _____ ft.
(salt, brackish, iron, sulfur, acid, other) Grade A Dairy

USE OF WATER: Domestic Town Industry Farm Public

		N	
DEPTH	DESCRIPTION	DEPTH	DESCRIPTION
43'	Gravel	22'	Gravel
45'	Gravel	24'	Gravel
47'	Gravel	26'	Gravel
49'	Gravel	28'	Gravel
51'	Gravel	30'	Gravel
53'	Gravel	32'	Gravel
55'	Gravel	34'	Gravel
57'	Gravel	36'	Gravel
59'	Gravel	38'	Gravel
61'	Gravel	40'	Gravel
63'	Gravel	42'	Gravel
65'	Gravel	44'	Gravel
67'	Gravel	46'	Gravel
69'	Gravel	48'	Gravel
71'	Gravel	50'	Gravel
73'	Gravel	52'	Gravel
75'	Gravel	54'	Gravel
77'	Gravel	56'	Gravel
79'	Gravel	58'	Gravel
81'	Gravel	60'	Gravel
83'	Gravel	62'	Gravel
85'	Gravel	64'	Gravel
87'	Gravel	66'	Gravel
89'	Gravel	68'	Gravel
91'	Gravel	70'	Gravel
93'	Gravel	72'	Gravel
95'	Gravel	74'	Gravel
97'	Gravel	76'	Gravel
99'	Gravel	78'	Gravel
101'	Gravel	80'	Gravel
103'	Gravel	82'	Gravel
105'	Gravel	84'	Gravel
107'	Gravel	86'	Gravel
109'	Gravel	88'	Gravel
111'	Gravel	90'	Gravel
113'	Gravel	92'	Gravel
115'	Gravel	94'	Gravel
117'	Gravel	96'	Gravel
119'	Gravel	98'	Gravel
121'	Gravel	100'	Gravel
123'	Gravel	102'	Gravel
125'	Gravel	104'	Gravel
127'	Gravel	106'	Gravel
129'	Gravel	108'	Gravel
131'	Gravel	110'	Gravel
133'	Gravel	112'	Gravel
135'	Gravel	114'	Gravel
137'	Gravel	116'	Gravel
139'	Gravel	118'	Gravel
141'	Gravel	120'	Gravel
143'	Gravel	122'	Gravel
145'	Gravel	124'	Gravel
147'	Gravel	126'	Gravel
149'	Gravel	128'	Gravel
151'	Gravel	130'	Gravel
153'	Gravel	132'	Gravel
155'	Gravel	134'	Gravel
157'	Gravel	136'	Gravel
159'	Gravel	138'	Gravel
161'	Gravel	140'	Gravel
163'	Gravel	142'	Gravel
165'	Gravel	144'	Gravel
167'	Gravel	146'	Gravel
169'	Gravel	148'	Gravel
171'	Gravel	150'	Gravel
173'	Gravel	152'	Gravel
175'	Gravel	154'	Gravel
177'	Gravel	156'	Gravel
179'	Gravel	158'	Gravel
181'	Gravel	160'	Gravel
183'	Gravel	162'	Gravel
185'	Gravel	164'	Gravel
187'	Gravel	166'	Gravel
189'	Gravel	168'	Gravel
191'	Gravel	170'	Gravel
193'	Gravel	172'	Gravel
195'	Gravel	174'	Gravel
197'	Gravel	176'	Gravel
199'	Gravel	178'	Gravel
201'	Gravel	180'	Gravel
203'	Gravel	182'	Gravel
205'	Gravel	184'	Gravel
207'	Gravel	186'	Gravel
209'	Gravel	188'	Gravel
211'	Gravel	190'	Gravel
213'	Gravel	192'	Gravel
215'	Gravel	194'	Gravel
217'	Gravel	196'	Gravel
219'	Gravel	198'	Gravel
221'	Gravel	200'	Gravel
223'	Gravel	202'	Gravel
225'	Gravel	204'	Gravel
227'	Gravel	206'	Gravel
229'	Gravel	208'	Gravel
231'	Gravel	210'	Gravel
233'	Gravel	212'	Gravel
235'	Gravel	214'	Gravel
237'	Gravel	216'	Gravel
239'	Gravel	218'	Gravel
241'	Gravel	220'	Gravel
243'	Gravel	222'	Gravel
245'	Gravel	224'	Gravel
247'	Gravel	226'	Gravel
249'	Gravel	228'	Gravel
251'	Gravel	230'	Gravel
253'	Gravel	232'	Gravel
255'	Gravel	234'	Gravel
257'	Gravel	236'	Gravel
259'	Gravel	238'	Gravel
261'	Gravel	240'	Gravel
263'	Gravel	242'	Gravel
265'	Gravel	244'	Gravel
267'	Gravel	246'	Gravel
269'	Gravel	248'	Gravel
271'	Gravel	250'	Gravel
273'	Gravel	252'	Gravel
275'	Gravel	254'	Gravel
277'	Gravel	256'	Gravel
279'	Gravel	258'	Gravel
281'	Gravel	260'	Gravel
283'	Gravel	262'	Gravel
285'	Gravel	264'	Gravel
287'	Gravel	266'	Gravel
289'	Gravel	268'	Gravel
291'	Gravel	270'	Gravel
293'	Gravel	272'	Gravel
295'	Gravel	274'	Gravel
297'	Gravel	276'	Gravel
299'	Gravel	278'	Gravel
301'	Gravel	280'	Gravel
303'	Gravel	282'	Gravel
305'	Gravel	284'	Gravel
307'	Gravel	286'	Gravel
309'	Gravel	288'	Gravel
311'	Gravel	290'	Gravel
313'	Gravel	292'	Gravel
315'	Gravel	294'	Gravel
317'	Gravel	296'	Gravel
319'	Gravel	298'	Gravel
321'	Gravel	300'	Gravel
323'	Gravel	302'	Gravel
325'	Gravel	304'	Gravel
327'	Gravel	306'	Gravel
329'	Gravel	308'	Gravel
331'	Gravel	310'	Gravel
333'	Gravel	312'	Gravel
335'	Gravel	314'	Gravel
337'	Gravel	316'	Gravel
339'	Gravel	318'	Gravel
341'	Gravel	320'	Gravel
343'	Gravel	322'	Gravel
345'	Gravel	324'	Gravel
347'	Gravel	326'	Gravel
349'	Gravel	328'	Gravel
351'	Gravel	330'	Gravel
353'	Gravel	332'	Gravel
355'	Gravel	334'	Gravel
357'	Gravel	336'	Gravel
359'	Gravel	338'	Gravel
361'	Gravel	340'	Gravel
363'	Gravel	342'	Gravel
365'	Gravel	344'	Gravel
367'	Gravel	346'	Gravel
369'	Gravel	348'	Gravel
371'	Gravel	350'	Gravel
373'	Gravel	352'	Gravel
375'	Gravel	354'	Gravel
377'	Gravel	356'	Gravel
379'	Gravel	358'	Gravel
381'	Gravel	360'	Gravel
383'	Gravel	362'	Gravel
385'	Gravel	364'	Gravel
387'	Gravel	366'	Gravel
389'	Gravel	368'	Gravel
391'	Gravel	370'	Gravel
393'	Gravel	372'	Gravel
395'	Gravel	374'	Gravel
397'	Gravel	376'	Gravel
399'	Gravel	378'	Gravel
401'	Gravel	380'	Gravel
403'	Gravel	382'	Gravel
405'	Gravel	384'	Gravel
407'	Gravel	386'	Gravel
409'	Gravel	388'	Gravel
411'	Gravel	390'	Gravel
413'	Gravel	392'	Gravel
415'	Gravel	394'	Gravel
417'	Gravel	396'	Gravel
419'	Gravel	398'	Gravel
421'	Gravel	400'	Gravel
423'	Gravel	402'	Gravel
425'	Gravel	404'	Gravel
427'	Gravel	406'	Gravel
429'	Gravel	408'	Gravel
431'	Gravel	410'	Gravel
433'	Gravel	412'	Gravel
435'	Gravel	414'	Gravel
437'	Gravel	416'	Gravel
439'	Gravel	418'	Gravel
441'	Gravel	420'	Gravel
443'	Gravel	422'	Gravel
445'	Gravel	424'	Gravel
447'	Gravel	426'	Gravel
449'	Gravel	428'	Gravel
451'	Gravel	430'	Gravel
453'	Gravel	432'	Gravel
455'	Gravel	434'	Gravel
457'	Gravel	436'	Gravel
459'	Gravel	438'	Gravel
461'	Gravel	440'	Gravel
463'	Gravel	442'	Gravel
465'	Gravel	444'	Gravel
467'	Gravel	446'	Gravel
469'	Gravel	448'	Gravel
471'	Gravel	450'	Gravel
473'	Gravel	452'	Gravel
475'	Gravel	454'	Gravel
477'	Gravel	456'	Gravel
479'	Gravel	458'	Gravel
481'	Gravel	460'	Gravel
483'	Gravel	462'	Gravel
485'	Gravel	464'	Gravel
487'	Gravel	466'	Gravel
489'	Gravel	468'	Gravel
491'	Gravel	470'	Gravel
493'	Gravel	472'	Gravel
495'	Gravel	474'	Gravel
497'	Gravel	476'	Gravel
499'	Gravel	478'	Gravel
501'	Gravel	480'	Gravel
503'	Gravel	482'	Gravel
505'	Gravel	484'	Gravel
507'	Gravel	486'	Gravel
509'	Gravel	488'	Gravel
511'	Gravel	490'	Gravel
513'	Gravel	492'	Gravel
515'	Gravel	494'	Gravel
517'	Gravel	496'	Gravel
519'	Gravel	498'	Gravel
521'	Gravel	500'	Gravel
523'	Gravel	502'	Gravel
525'	Gravel	504'	Gravel
527'	Gravel	506'	Gravel
529'	Gravel	508'	Gravel
531'	Gravel	510'	Gravel
533'	Gravel	512'	Gravel
535'	Gravel	514'	Gravel
537'	Gravel	516'	Gravel
539'	Gravel	518'	Gravel
541'	Gravel	520'	Gravel
543'	Gravel	522'	Gravel
545'	Gravel	524'	Gravel
547'	Gravel	526'	Gravel
549'	Gravel	528'	Gravel
551'	Gravel	530'	Gravel
553'	Gravel	532'	Gravel
555'	Gravel	534'	Gravel
557'	Gravel	536'	Gravel
559'	Gravel	538'	Gravel
561'	Gravel	540'	Gravel
563'	Gravel	542'	Gravel
565'	Gravel	544'	Gravel
567'	Gravel	546'	Gravel
569'	Gravel	548'	Gravel
571'	Gravel	550'	Gravel
573'	Gravel	552'	Gravel
575'	Gravel	554'	Gravel
577'	Gravel	556'	Gravel
579'	Gravel	558'	Gravel
581'	Gravel	560'	Gravel
583'	Gravel	562'	Gravel
585'	Gravel	564'	Gravel
587'	Gravel	566'	Gravel
589'</			

Rig 65

FURNISHED BY Sydor pump and well Co Inc DATE: 1-10-61

From Driller Mitchell's Notes By Gene Shupe Jr

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	1	Top soil	
1	6	yellow clay	
6'	45'	Gray Limestone Broken	
45'	55'	Gray Limestone	
55'	56'	Gray Limestone Broken	
56'	150'	Gray Limestone → some moisture at 100'	
150'	151'	Gray Limestone Soft	
151'	215'	Gray Limestone	
215'	245'	Blue Limestone	
245'	305'	Gray Limestone	
305'	374'	Blue Limestone	
374'	393'	Gray Limestone	
393'	402'	weathered Gray Limestone	
402'	406'	Gray Limestone	

DATE: Stated <u>1-6-61</u> Completed <u>1-9-61</u>
TOTAL DEPTH <u>406'</u>
BEDROCK at <u>6'</u>
SCREEN (or perforations) <u>200' 1/2 GPM</u>
PUMPING <u>305' 1 GPM</u>
DEPTH OF INTAKE <u>393-396-4-5 GPM</u>

When The water from 393' was first hit it pumped at 10 G.P.M. slowly dropping to 4 G.P.M. plus after 2 hrs Air lift pumping.